

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	12304	engine and (exhaust with (sens\$4 or probe)) and (air with ratio)	US-PGPUB; USPAT	OR	ON	2007/08/31 20:03
L13	6857	"123"/\$.ccls. and L12	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L14	2487	engine.ab. and exhaust.ab. and 13	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L15	2184	(signal with (sens\$4 or probe)) and 14	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L16	979	((crank or crankshaft) with angle) and 15	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L17	1510	"73"/\$.ccls. and L12	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L18	488	engine.ab. and exhaust.ab. and L17	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L19	406	(signal with (sens\$4 or probe)) and L18	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L20	126	((crank or crankshaft) with angle) and L19	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L21	280	L19 not L20	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L22	3690	"60"/\$.ccls. and L12	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L23	2454	engine.ab. and exhaust.ab. and L22	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L24	2015	(signal with (sens\$4 or probe)) and L23	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L25	756	((crank or crankshaft) with angle) and L24	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L26	756	L25 not L21	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
L27	1464	16 not L20 or L26	US-PGPUB; USPAT	OR	ON	2007/08/31 20:05
L28	1464	(measur\$6 or sens\$6 or determin\$6) and 27	US-PGPUB; USPAT	OR	ON	2007/08/31 20:06
L29	1527	"701"/\$.ccls. and L12	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L30	446	engine.ab. and exhaust.ab. and 29	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L31	398	(signal with (sens\$4 or probe)) and 30	US-PGPUB; USPAT	OR	ON	2007/08/31 20:55
L32	181	((crank or crankshaft) with angle) and 31	US-PGPUB; USPAT	OR	ON	2007/08/31 20:56

## EAST Search History

S1	5	("20020088446" "20020139354" "20030014967" "20030110845" "4495924").PN.	US-PGPUB; USPAT	OR	ON	2007/08/31 15:41
S2	2	(reza near3 aliakbarzadeh).in.	US-PGPUB; USPAT	OR	ON	2007/08/31 15:42
S3	2	(tino near3 arlt).in.	US-PGPUB; USPAT	OR	ON	2007/08/31 15:43
S4	23	(gerd near3 rosel).in.	US-PGPUB; USPAT	OR	ON	2007/08/31 15:43
S5	473	(hong near3 zhang).in.	US-PGPUB; USPAT	OR	ON	2007/08/31 15:44
S6	480	S2 or S3 or S4 or S5	US-PGPUB; USPAT	OR	ON	2007/08/31 15:44
S7	182	engine and S6	US-PGPUB; USPAT	OR	ON	2007/08/31 15:45
S8	107	exhaust and fuel and S7	US-PGPUB; USPAT	OR	ON	2007/08/31 17:11
S9	5	engine and exhaust and (waste near10 gas near10 probe) and (air with ratio)	US-PGPUB; USPAT	OR	ON	2007/08/31 17:14
S10	12304	engine and (exhaust with (sens\$4 or probe)) and (air with ratio)	US-PGPUB; USPAT	OR	ON	2007/08/31 17:16
S11	1510	"73"/\$.ccls. and S10	US-PGPUB; USPAT	OR	ON	2007/08/31 20:03
S12	488	engine.ab. and exhaust.ab. and S11	US-PGPUB; USPAT	OR	ON	2007/08/31 20:03
S13	406	(signal with (sens\$4 or probe)) and S12	US-PGPUB; USPAT	OR	ON	2007/08/31 20:03
S14	126	((crank or crankshaft) with angle) and S13	US-PGPUB; USPAT	OR	ON	2007/08/31 20:04
S15	280	S13 not S14	US-PGPUB; USPAT	OR	ON	2007/08/31 17:50
S16	3690	"60"/\$.ccls. and S10	US-PGPUB; USPAT	OR	ON	2007/08/31 18:48
S17	2454	engine.ab. and exhaust.ab. and S16	US-PGPUB; USPAT	OR	ON	2007/08/31 18:48
S18	2015	(signal with (sens\$4 or probe)) and S17	US-PGPUB; USPAT	OR	ON	2007/08/31 18:49
S19	756	((crank or crankshaft) with angle) and S18	US-PGPUB; USPAT	OR	ON	2007/08/31 18:49
S20	756	S19 not S15	US-PGPUB; USPAT	OR	ON	2007/08/31 18:49